

Puerto Rico

Science and Engineering Profile

	Puerto Rico	U.S.		Puerto Rico	U.S.
Doctoral scientists, 1993	787	430,332	Total R&D performance, 1993 (millions)	N/A	\$161,427
Doctoral engineers, 1993	146	81,293	Industry R&D, 1993 (millions)	N/A	\$117,622
S&E doctorates awarded, 1995	33	26,482	Academic R&D, 1994 (millions)	\$51	\$20,573
of which, in psychology	82%	13%	of which, in life sciences	76%	55%
in physical sciences	18%	14%	in physical sciences	7%	10%
in other S&E fields	0%	N/A	in engineering	6%	16%
S&E postdoctorates, 1994			Higher education current-fund expenditures, 1993 (millions)	\$843	\$163,994
in doctorate-granting institutions	15	36,143			
S&E graduate students, 1994			Number of SBIR awards, 1990-94	1	18,023
in doctorate-granting institutions	2,786	438,694	Patents issued to state residents, 1995	20	55,717
Population, 1995 (000s)	3,703	262,755	Gross state product, 1992 (billions)	\$34.6	\$5,994.1
Civilian labor force, 1995 (000s)	1,245	132,281	of which, agriculture	1%	2%
Personal income per capita, 1995	\$7,296	\$22,788	manufacturing, mining, construction	43%	23%
			transportation, communication, utilities	8%	9%
			wholesale and retail trade	14%	16%
Federal spending			finance, insurance, real estate	13%	18%
Total expenditures 1995 (millions)	\$9,939	\$1,326,292	services	10%	20%
R&D obligations 1994 (millions)	\$51	\$65,654	government	11%	12%

U.S. totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields. The data source for Puerto Rico's population, personal income per capita, number of SBIR awards, and gross state product is as follows: *Economic Report to the Governor*, Puerto Rico Planning Board, San Juan, Puerto Rico.

N/A = not available

Federal Obligations for Research and Development in Puerto Rico by Agency and Performer: Fiscal Year 1994 (Thousands of dollars)

	Total	Federal Intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government
Total, all agencies	50,502	7,216	10,035	0	30,616	100	2,535
Department of Agriculture	9,608	5,277	0	0	4,331	0	0
Department of Commerce	446	0	0	0	280	0	166
Department of Defense	1,393	0	0	0	1,393	0	0
Department of Energy	68	0	0	0	68	0	0
Dept. of Health & Human Services	21,632	0	0	0	19,561	100	1,971
Department of the Interior	2,039	1,939	0	0	100	0	0
Department of Transportation	551	0	0	0	153	0	398
Environmental Protection Agency	395	0	0	0	395	0	0
Nat'l Aeronautics & Space Admin.	0	0	0	0	0	0	0
National Science Foundation	14,370	0	10,035	0	4,335	0	0

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable